

Porcine Glycogen enzyme ELISA Kit | GBE1 elisa kit

Porcine Glycogen enzyme ELISA Kit

CATALOG #
AAA97566

REACTIVITY
Porcine

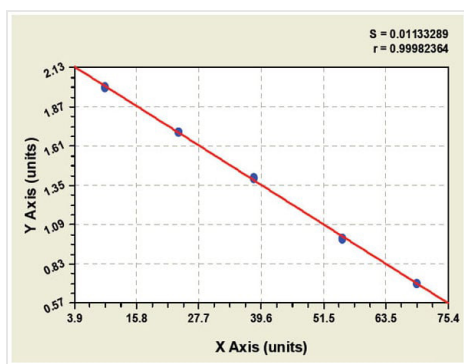
PRODUCT SYNONYMS

Glycogen enzyme; Porcine Glycogen enzyme ELISA Kit; GBE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This gamma Secretase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine gamma Secretase. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GBE1 elisa kit

Principle of the assay: gamma Secretase ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-gamma Secretase antibody and an gamma Secretase-HRP conjugate. The assay sample and buffer are incubated together with gamma Secretase-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the gamma Secretase concentration since gamma Secretase from samples and gamma Secretase-HRP conjugate compete for the anti-gamma Secretase antibody binding site. Since the number of sites is limited, as more sites are occupied by gamma Secretase from the sample, fewer sites are left to bind gamma Secretase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The gamma Secretase concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119589286
NCBI GeneID	2632
UniProt Accession #	Q04446; Q96EN0; B3KVV3
Molecular Weight	80,474 Da
NCBI Official Full Name	glucan (1,4-alpha-), branching enzyme 1 (glycogen branching enzyme, Andersen disease, glycogen storage disease type IV), isoform CRA_b
NCBI Official Synonym Full Names	glucan (1,4-alpha-), branching enzyme 1
NCBI Official Symbol	GBE1
NCBI Official Synonym Symbols	GBE; APBD; GSD4
NCBI Protein Information	1,4-alpha-glucan-branching enzyme; brancher enzyme; glycogen branching enzyme; glycogen-branching enzyme; amylo-(1,4 to 1,6) transglucosidase; amylo-(1,4 to 1,6) transglycosylase
UniProt Protein Name	1,4-alpha-glucan-branching enzyme
UniProt Gene Name	GBE1
UniProt Entry Name	GLGB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/glycogen-enzyme/97566>